IN THE CLAIMS

Please amend the claims as follows:

Claims 1-15 (Canceled).

Claim 16 (Previously Presented): An optical waveguide module comprising

a first array member with a plurality of optical fibers having ends attached to a first connection member,

a second array member with at least one optical fiber having an end attached to a second connection member, and

an optical waveguide chip having an input and output end face and an optical waveguide for multiplexing a plurality of optical signals having different wavelengths inputted from a plurality of input ports to output a resulting optical signal from at least one output port,

said optical waveguide module wherein

said first array member is bonded with an adhesive to said input end face of said optical waveguide chip,

an auxiliary connection member is attached to an output end portion of said optical waveguide chip,

said second connection member is connected to said auxiliary connection member,

said second array member is coupled to said output end face of said optical waveguide chip via said second connection member and said auxiliary connection member,

a presser member for pressing said auxiliary connection member and said second array member in a direction of connection is disposed across said auxiliary connection member and said second array member, and

a core of said optical waveguide exposed from said output end face of said optical waveguide chip is in direct contact with a core of said optical fiber exposed from an end of said second array member.

Claims 17 (Original): The optical waveguide module according to claim 16, wherein said presser member is disposed across connections between said optical waveguide chip and said first array member and between said optical waveguide chip and said second array member.

Claim 18 (Original): The optical waveguide module according to claim 16, wherein an optical signal passing through where the core of said optical waveguide is in direct contact with the core of said optical fiber has a maximum power of 300mW or more per port.

Claim 19 (Original): The optical waveguide module according to claim 16, wherein an optical signal passing through where the core of said optical waveguide is in direct contact with the core of said optical fiber has a maximum power of 300mW or more per port at said input end face, and

an optical signal passing through where the core of said optical waveguide is in direct contact with the core of said optical fiber has a maximum power of 300mW or more per port at said output end face.

Claim 20 (Previously Presented): The optical waveguide module according to Claim 16, wherein said auxiliary connection member is bonded to a circumference of the output end portion of said optical waveguide chip by way of an adhesive layer having a thickness of 20 μm or less.

Claim 21 (New): An optical waveguide module comprising:

an optical fiber having an axis and an end portion,

a first connection member attached to the end portion of said fiber, said first connection member having a first end face, wherein a tip of the end portion is projected from said first end face,

an optical waveguide chip aligned with said fiber in a connecting direction parallel to the axis of said fiber, said chip including a second end face opposite the first end face of said first connection member, a mount surface parallel to the connecting direction, and an optical waveguide extending under the mount surface, the optical waveguide having a port exposed in the second end face of said chip and brought into contact with the projecting tip of said fiber,

a second connection member mounted on the mount surface of said chip, said second connection member being made of synthetic resin and cooperating with said first connection member to align said chip with said fiber, said second connection member having a third end face located at the side of the second end surface, and

a press member for bringing the port of said chip into contact with the projecting tip of said fiber by pressing at least one of said optical waveguide chip and optical fiber in the connecting direction, wherein

the projecting tip of said fiber and the third end face of said second connection member are separated from each other in a direction perpendicular to the connecting direction.

Claim 22 (New): The optical waveguide module according to claim 21, wherein an outer peripheral edge of the projecting tip of said fiber is cut away.

Claim 23 (New): The optical waveguide module according to claim 22, wherein the projecting tip of said optical fiber has a diameter smaller than a diameter of the other portion of said fiber.

Claim 24 (New): The optical waveguide module according to claim 23, wherein cladding in the projecting tip of said fiber has thickness varied in a circumferential direction of a fiber core covered therewith.

Claim 25 (New): The optical waveguide module according to claim 22, wherein cladding in the projecting tip of said fiber has thickness varied in a circumferential direction of a fiber core covered therewith.

Claim 26 (New): The optical waveguide module according to claim 21, wherein the projecting tip of said optical fiber has a diameter smaller than a diameter of the other portion of said fiber.

Claim 27 (New): The optical waveguide module according to claim 26, wherein cladding in the projecting tip of said fiber has thickness varied in a circumferential direction of a fiber core covered therewith.

Claim 28 (New): The optical waveguide module according to claim 21, wherein cladding in the projecting tip of said fiber has thickness varied in a circumferential direction of a fiber core covered therewith.

Claim 29 (New): The optical waveguide module according to claim 21, wherein a glass layer is interposed between said second connection member and said optical waveguide chip.

Claim 30 (New): The optical waveguide module according to claim 22, wherein a glass layer is interposed between said second connection member and said optical waveguide chip.

Claim 31 (New): The optical waveguide module according to claim 21, wherein the optical waveguide of said chip is for multiplexing lights and providing said fiber with the multiplexed lights through the port thereof.

Claim 32 (New): The optical waveguide module according to claim 31, wherein the multiplexed lights have a maximum power of 300 mW or more.